

# 9262 SERIES

DC/DC Single Output: 70 - 80 Watts



## Features

- Designed for rail applications, electrical forklifts, and other electromotive applications where high voltages may occur
- Protected against reverse polarity
- Protected against input voltage transients - EN50082
- Input and output are electrically isolated
- CE marked
- Meets relevant immunity standards
- 24V, 48V, 72V and 110VDC input options
- High quality sturdy enclosure
- High peak capability

## Specifications

<b>INPUT VOLTAGE:</b>	24VDC: (21~32) 48VDC (40~64) 72VDC: (60~96) 110VDC (72~110)
<b>INPUT VOLTAGE:</b> (1 sec. max.)	24VDC: (21~40) 48VDC (40~100) 72VDC: (60~120) 110VDC (72~160)
<b>OUTPUT VOLTAGE:</b>	Model dependent, refer to table
<b>OUTPUT POWER:</b>	81 watts continuous 110 watts intermittent
<b>OUTPUT CURRENT:</b>	Model dependent: refer to table
<b>LOAD REGULATION:</b>	Typically ± 5%
<b>LINE REGULATION:</b>	Typically ± 5%
<b>SWITCH FREQUENCY:</b>	Typically 50kHz
<b>OPERATING TEMP:</b>	-20°C to +50°C at rated load
<b>DERATING:</b>	Linearly derate from 50°C to 60°C
<b>OUTPUT RIPPLE:</b>	10mV rms
<b>EFFICIENCY:</b>	Model dependent: 80 - 85%
<b>EMC EMISSIONS:</b>	EN50081 - 1
<b>EMC IMMUNITY:</b>	EN50082 - 2
<b>PROTECTION:</b>	<ul style="list-style-type: none"> <li>• Reverse input polarity, fuse in series with input</li> <li>• Transorb diode at input</li> <li>• Overload protection</li> <li>• Short circuit protection</li> <li>• Thermal protection</li> </ul>
<b>ISOLATION:</b>	Input and output are electrically isolated from chassis and input is isolated from output at 1000VDC
<b>TERMINALS:</b>	Input and output: 6.3mm spade
<b>DIMENSIONS:</b>	135 x 119 x 46mm
<b>WEIGHT:</b>	0.6kg.

MODEL	Input V	Output		Peak A
		V	A	
9262 - 24 / 12	24V	13.2V	6A	8A
9262 - 24 / 24	24V	24V	3A	4A
9262 - 48 / 12	48V	13.2V	6A	8A
9262 - 48 / 24	48V	24V	3A	4A
9262 - 72 / 12	72V	13.2V	6A	8A
9262 - 72 / 24	72V	24V	3A	4A
9262 - 80 / 12	110V	13.2V	6A	8A
9262 - 80 / 24	110V	24V	3A	4A